

5E0301: further Research kept at
by State

US EPA RECORDS CENTER REGION 5



557329

SITE DESCRIPTION/EXECUTIVE SUMMARY

Site Name and Location

Eaton LDFL
1101 West Hanover Street
Marshall, Michigan 49068

County: Calhoun
Michigan Code Number: None
DNR District: Jackson
EPA ID Number: ~~MID006403349~~

SAS Score/Screen No.: None

This 5-acre landfill, owned and operated by Eaton Corporation, received limited industrial waste from 1969-1980. The waste material found on site included metal shavings, metal dust and water coolant metals. Also found were asbesto brick fire lining residue, a few barrels of the above materials, scraps of paper, and some containers filled with tar. In addition, Eaton Corporation reported in their CERCLA 103c notification of a hazardous waste site to EPA in 1981 of the presence of halogenated solvents and sludges in the landfill.

Because of the costs involved in meeting proposed state regulations, the landfill closed in 1980. No monitoring is occurring. The Kalamazoo River lies about 1500' to the south of the landfill.

Because of the potential hazard posed by this landfill from buried spend solvents and sludges, in addition to tar containers, and metals, further testing of the site is needed to determine the potential impact on the environment.

Recommendations for EPA

Sampling needs to be conducted in order to determine whether or not a release to the environment has occurred. This site receives a medium priority for inspection.

RECEIVED
DEC 16 1987

Pre-HRS Score: To be determined
Projected HRS Score: ~~To be determined~~
SI Priority: Medium - State lead

Hours Spent: 2.0 + 9.0 + _____ + _____ + _____ = 11.0
Initial & Date: BI IO _____
12/4/87

Program
Support Section

Date of Previous Summary:
Previous Author:

Current Date: 11/9/87
Author: I. Ojong/B. Irish

Site Assessment Unit
Environmental Response Division
Michigan Dept. of Natural Resources



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
26 MID OCEAN 15929

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) EATON LDFL		02 STREET ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 1101 W HANOVER St			
03 CITY MARSHALL	04 STATE MI	05 ZIP CODE 49068	06 COUNTY CALHOUN	07 COUNTY CODE 25	08 CONG DIST 03
09 COORDINATES LATITUDE 42° 16' 10"		LONGITUDE 84° 54' 05"			

10 DIRECTIONS TO SITE: Starting from nearest public road
(about 80 miles), Lansing - HW 69 S/275 to Marshall
To Site, take HW 12 to HANOVE St.

III. RESPONSIBLE PARTIES

01 OWNER (if known) Eaton Corporation		02 STREET (Business, Home, Residential) 1101 W Hanover St			
03 CITY Marshall	04 STATE MI	05 ZIP CODE 49068	06 TELEPHONE NUMBER ()		
07 OPERATOR (if known and different from owner) Eaton Corporation		08 STREET (Business, Home, Residential) 1101 W Hanover			
09 CITY Marshall	10 STATE MI	11 ZIP CODE 49068	12 TELEPHONE NUMBER ()		

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103(a)) DATE RECEIVED: 07 08 81 ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1 11 73 <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: <input type="checkbox"/> G. UNKNOWN			
CONTRACTOR NAME(S):					

02 SITE STATUS (Check one)
☐ A. ACTIVE ☒ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
BEGINNING YEAR 1969 ENDING YEAR 1980 ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
halogenated solvents and sludges

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Potential damage to groundwater and soil

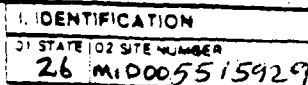
V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Impacts)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection on time available basis) ☐ D. NONE (No further action needed, complete current assessment form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Ron Koistra		02 OF (Agency/ Organization) MDNR		03 TELEPHONE NUMBER 517 788-9598	
04 PERSON RESPONSIBLE FOR ASSESSMENT Brenda Irish / IGNATIUS aiong		05 AGENCY MDNR	06 ORGANIZATION ERD	07 TELEPHONE NUMBER 517 373-4800	08 DATE MONTH DAY YEAR

00930 TW



01 PHYSICAL STATES <i>Check all that apply:</i> <input checked="" type="checkbox"/> A SOLID <input checked="" type="checkbox"/> B POWDER FINES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER _____ <i>Specify:</i> _____	02 WASTE QUANTITY AT SITE <i>Measurements of weight determined by SI or independently:</i> TONS _____ feet _____ CUBIC METERS <u>190</u> NO. OF DRUMS _____	03 WASTE CHARACTERISTICS <i>Check all that apply:</i> <table border="0"> <tr> <td><input checked="" type="checkbox"/> A TOXIC</td> <td><input type="checkbox"/> E SOLUBLE</td> <td><input type="checkbox"/> I HIGHLY VOLATILE</td> </tr> <tr> <td><input type="checkbox"/> B CORROSIVE</td> <td><input type="checkbox"/> F INFECTIOUS</td> <td><input type="checkbox"/> J EXPLOSIVE</td> </tr> <tr> <td><input type="checkbox"/> C RADIOACTIVE</td> <td><input type="checkbox"/> G FLAMMABLE</td> <td><input type="checkbox"/> K REACTIVE</td> </tr> <tr> <td><input type="checkbox"/> D PERSISTENT</td> <td><input type="checkbox"/> H IGNITABLE</td> <td><input type="checkbox"/> L INCOMPATIBLE</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> M NOT APPLICABLE</td> </tr> </table>	<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE	<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE	<input type="checkbox"/> C RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE	<input type="checkbox"/> D PERSISTENT	<input type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE			<input type="checkbox"/> M NOT APPLICABLE
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		<input type="checkbox"/> M NOT APPLICABLE															

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			From 1969-1980, this 5-acre landfill reportedly received 1001 type waste (halogenated solvents and sludges), as reported by the company in their CERCLA 103c notification to EPA)
OLW	ONLY WASTE			
SOL	SOLVENTS	190	cu. ft.	
PSO	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

[illegible]

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

26 MD 005515929

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

10,000

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Potential Contamination of ground water in the Landfill area

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

10,000

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Potential contamination of the Kalamazoo River.

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED

5 acres

ACRES

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Potential Contamination of Soil in the Landfill

01 ☒ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

No residential well testing has occurred in the area.

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Through potential groundwater (drinking well) contamination.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

26 MD 005515929

II. HAZARDOUS CONDITIONS AND INCIDENTS CONTINUE

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Potential damage to flora from damaged soil.

01 ☐ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (INCLUDE NUMBER(S) OF SPECIES)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Soils/runoff/leaking liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☒ N. DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Potential damage to nearby wells through groundwater contamination

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

No health problems have been documented

V. SOURCES OF INFORMATION Cite literature, references, etc. (11000) (11000) (11000) (11000)

MDNR files